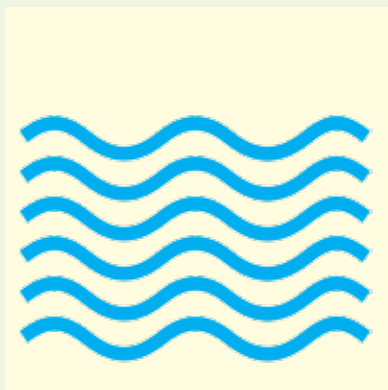
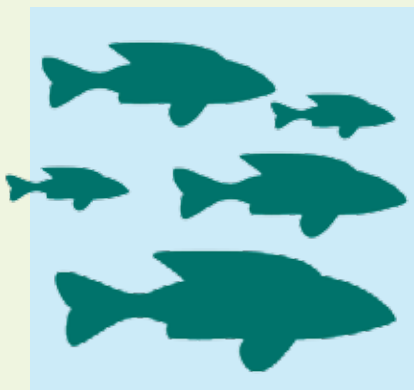


Maryland

2009

CELEBRATING CHILDREN & OUR NATURAL WORLD



How green is your car?

True or false?

Your car uses less gas in the summer because everyone is wearing shorts and t-shirts.

T/F

Your car promotes a healthy Chesapeake Bay with the Bay Plate.

T/F

Your car helps the environment if it's the color green.

T/F

Your car produces less pollution if it's a low-emission vehicle.

T/F

Your car can help create a healthy stream in western Maryland even if it lives in Ocean City.

T/F

For the answers to these and other environmental questions, visit CBTrust.org.

You can help drive Maryland's environmental recovery. Remind your parents to get the Bay Plate today. It's only \$20, and the money helps fund environmental and educational programs in your local community.

For more information, contact the Chesapeake Bay Trust at 410.974.2941 or visit www.cbtrust.org.



The Maryland Bay Game is an activity book made for playing on a road trip anywhere in Maryland. PASSENGERS ONLY PLEASE! There are great puzzle games to play, interesting information about our natural world to learn about, ideas for things to do around Maryland and lots of other cool stuff...

Look for these symbols in the Bay Game and
get ready to read, learn and act!



CONNECT

by spending some time outside



DISCOVER

how your natural world works



DOUBLE YOUR FUN

with crayons, markers or colored pencils



DID YOU KNOW

fun facts

AND

HELP OL' BLUE



help our natural world

GOOD LUCK & HAVE FUN!

A MESSAGE FROM GOVERNOR O'MALLEY

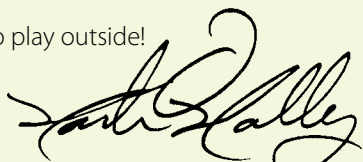
Welcome to the 12th annual Bay Game and the new Maryland Children's Outdoor Bill of Rights, a list of fun and exciting activities for every child to be able to enjoy all year long, whether you live in a city, in the suburbs or out in the country.

Believe it or not, spending more time outdoors can help you be a happier, healthier, smarter kid... and it can help you learn the things you'll need to know so that you're ready to care for our planet when you're older.

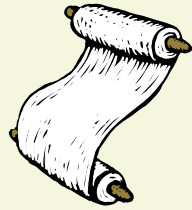
So, as you play this year's game, we hope you will also spend some time outside, connecting with and learning about your natural world. After all, the main reason why we work so hard to help keep the Chesapeake Bay and our lands healthy is so that your generation and the next can swim and fish in clean waters, and explore and discover all the natural beauty that Maryland has to offer.



Have a great summer, and don't forget to play outside!


Martin O'Malley, Governor

MARYLAND CHILDREN'S OUTDOOR BILL OF RIGHTS



EVERY MARYLAND CHILD SHALL HAVE THE OPPORTUNITY TO...

1. DISCOVER AND CONNECT
WITH THEIR NATURAL WORLD.
2. PLAY AND LEARN OUTDOORS.
3. SPLASH AND SWIM IN THE WATER.
4. CAMP UNDER THE STARS.
5. FOLLOW A TRAIL.
6. CATCH A FISH.
7. WATCH WILDLIFE.
8. EXPLORE WILD PLACES CLOSE TO HOME.
9. CELEBRATE THEIR CULTURE & HERITAGE.
10. SHARE NATURE WITH A GREAT MENTOR,
TEACHER OR PARENT.

DISCOVER & CONNECT WITH YOUR NATURAL WORLD



Spending time in nature can help kids be smarter, healthier and happier. The wonders of Maryland's outdoors can inspire imagination, creativity and adventure. There are countless ways that you can connect with and appreciate your natural world.

USE YOUR SENSES!

When you're outside, don't just look at nature... use your senses of smell, touch and hearing to learn about and connect with what's around you.



WRITE!

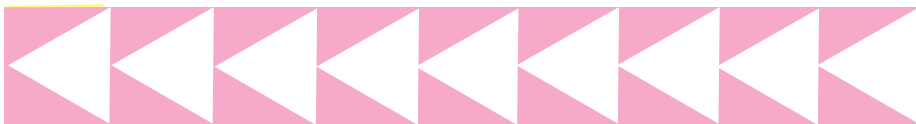
Begin a nature journal; write and draw about your outdoor experiences. You can even paste in photos, if you have a camera.



TAKE A WALK!

If you're going somewhere close by, ask your parents if you can walk instead of drive. You'll help the environment, get exercise and be able to enjoy the outdoors!





How many words can you make from the letters in

CELEBRATING CHILDREN AND OUR NATURAL WORLD



DID YOU KNOW

Maryland is sometimes called America in Miniature. One reason is that when you travel across our State, the land and water you see is almost as varied as the whole United States.



PLAY & LEARN OUTDOORS



There are 65 State Parks spread throughout Maryland that cover more than 137,014 acres. Can you name any? At State Parks you can learn about everything from nature to history. You can see wild horses at Assateague, swim in the Bay at Sandy Point, or check out monuments remembering the Civil War at Point Lookout! You can even snow ski in winter at Swallow Falls.



FIND!

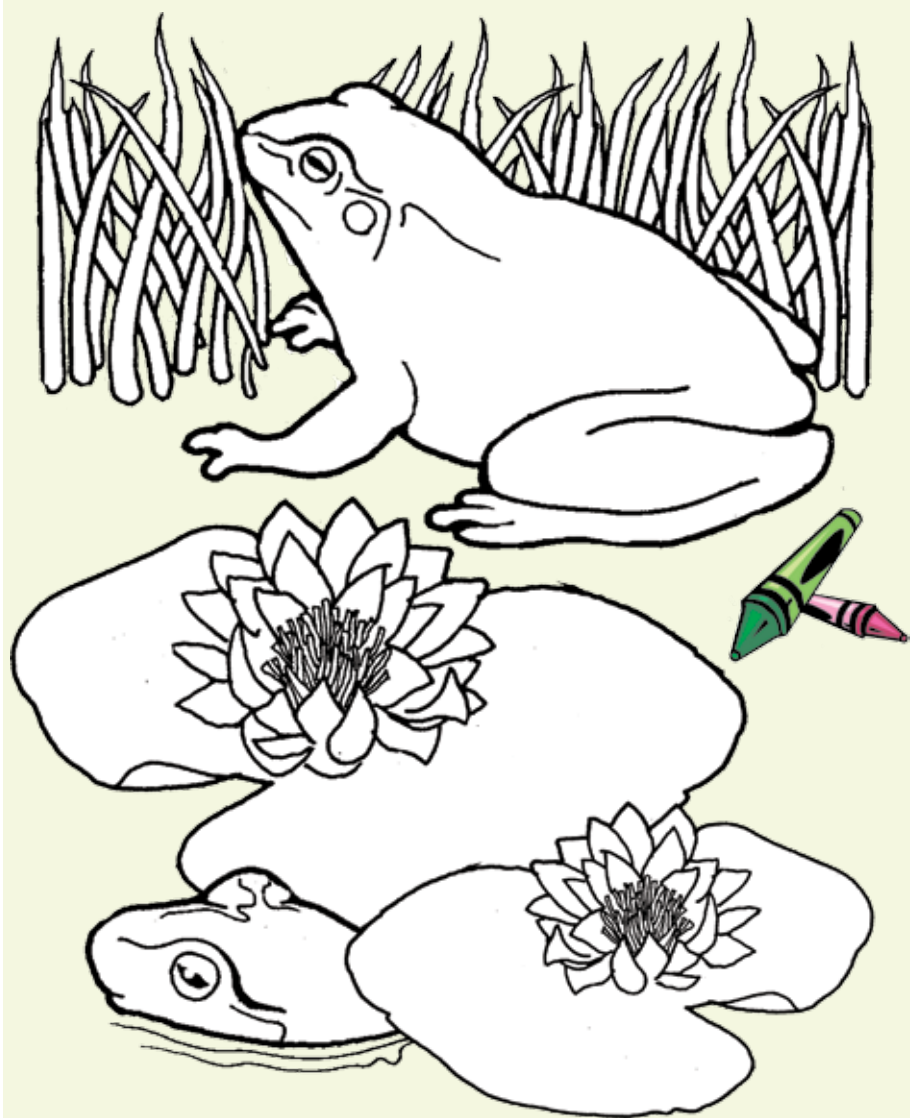
What are the closest state parks to where you live? Make a list of the ones you want to visit and why.



SCOUT!

Take an adult to the first State Park on your list! Stop into the visitor's center or talk to a ranger to learn about the Park's wildlife, plants, historic features and activities.





DID YOU KNOW

The Chesapeake Bay is the largest of the 130 estuaries (a body of water where freshwater and saltwater mix) in the country.

SPLASH & SWIM IN THE WATER



From the Atlantic Ocean to Deep Creek Lake to the Chesapeake Bay, there are plenty of places to swim, splash and wade in Maryland – including rivers, streams and even ancient swimming holes! With an adult, you can also enjoy the water from a boat, canoe or kayak.



EXPERIMENT!

Do you know the difference between saltwater, freshwater and brackish water? In Maryland you can swim in all three! Try to figure out what kind of water is in the Bay, the Ocean and your closest swimming hole (swimming pool doesn't count!). Which is your favorite to swim in?

SAFETY FIRST

Whenever you are on a boat always wear your life jacket!



CONSERVE!

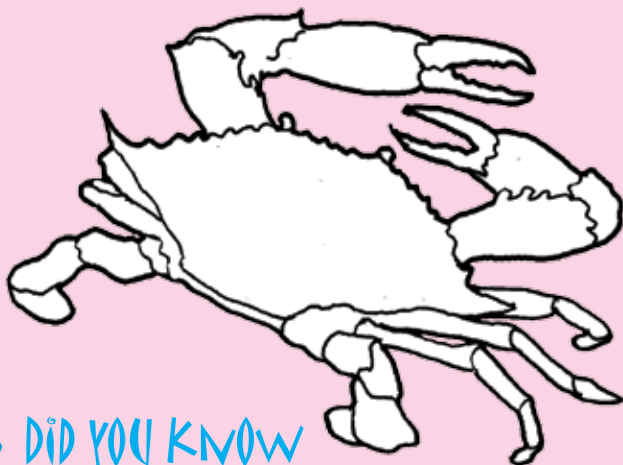
Remember to turn off the faucet while you brush your teeth to conserve water! If you see trash, pick it up! If you don't, it may end up polluting your favorite place to swim.

WORD SEARCH

R	D	I	S	C	O	V	E	R	H	C	H
A	X	C	E	A	T	O	B	C	E	R	U
S	S	R	V	M	E	N	T	O	R	N	O
D	P	Y	G	P	N	C	U	V	I	A	S
F	L	E	D	H	B	E	B	R	T	T	A
G	A	L	O	P	I	L	O	J	A	U	K
H	S	C	O	N	N	E	C	T	G	R	N
J	H	A	R	X	E	B	O	N	E	A	P
F	I	S	H	C	S	R	T	Z	M	L	G
K	I	F	E	V	D	A	R	E	A	T	F
L	T	O	R	B	E	T	E	Y	I	O	Y
E	R	O	L	P	X	E	Z	T	V	K	I
Z	X	R	O	W	I	L	D	L	I	F	E

DISCOVER
CONNECT
NATURAL
PLAY
SPLASH
CAMP
FISH
WILDLIFE
EXPLORE
CELEBRATE
HERITAGE
MENTOR

Circle words diagonally, across, up, down and backwards



DID YOU KNOW

The blue crab's Latin name is *Callinectes sapidus*, which means "Beautiful Swimmer who is Savory." A pretty swimmer that tastes good!

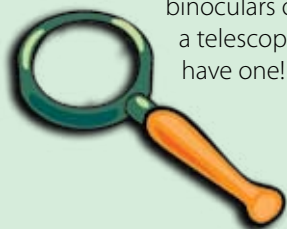


CAMP UNDER THE STARS

Have you ever been camping? Maryland State Parks have plenty of campsites and cabins. But you don't need to go to a park to camp out – you can count the stars, have a picnic or tell a ghost story right in your own backyard. Ask your parents for permission and to help you set up a tent and sleeping bags. Saturday, June 27, 2009 is Great American Backyard Campout Night, sponsored by the National Wildlife Federation. Learn more at www.nwf.org/BackyardCampout

COUNT !

How many stars can you see from your house at night? Can you see any constellations? Use binoculars or even a telescope if you have one!





Creates a Home for Baby Oysters



Tons of baby oysters are loaded on the boat.

In October 2008, the Maryland Transportation Authority (MDTA) worked with many partners, like the Chesapeake Bay Foundation and the Department of Natural Resources, to support the Bay Bridge Oyster Recovery Project.

Recycled concrete taken from the Bay Bridge westbound re-decking project was used to build a three-acre oyster reef in the Severn

River. In all, 2,500 cubic yards of concrete were used, which is roughly 10 million pounds (this equals the weight of almost 2,850 cars). The concrete was broken apart, cleaned and inspected and then hauled on barges to the reef site. Once the concrete was in place, a boat carried the spat – baby oysters attached to oyster shells – to the reef site and dumped them in the water. The Bay Bridge helped create a home for more than four million baby oysters!

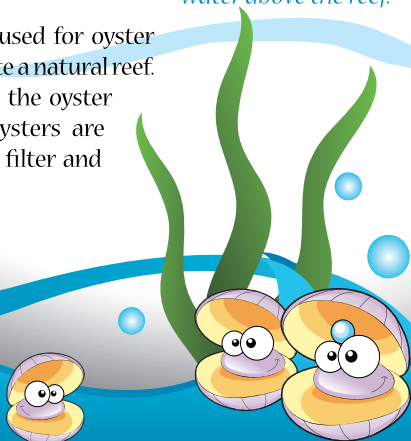


The boat drops the baby oysters into the water above the reef.

Traditionally, old oyster shells are used for oyster reefs, but not enough shells exist to create a natural reef. The artificial reef will help to build up the oyster population in the Chesapeake Bay. Oysters are great for the Bay because they help to filter and clean the water.



Maryland
Transportation
Authority



FOLLOW A TRAIL.



Venture out on a trail and see where it takes you. There are 789 miles of “maintained trails and water trails” in Maryland, where you can hike, bike or take a quiet walk to enjoy beautiful scenery and wildlife.



At the start of the trail, look for signs to let you know the length of the trail, the difficulty and where other trails may cross. (If you’re at a park or nature center, you can pick up a map of the trail before you start your journey.) Along the way, see how many different types of trees, flowers, plants and animals you can identify – then record them in your nature journal!

LEAVE NO TRACE!

Whenever you are enjoying nature, be sure to leave what you find as you found it, and take any trash with you when you go. Find out to become a “Leave No Trace” kid at www.dnr.maryland.gov/outdooradventures/Intkid



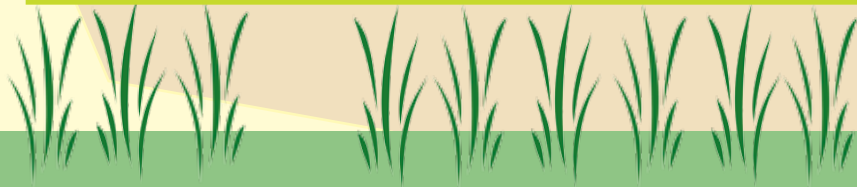
ON THE WATER!

Do you know what a water trail is? It’s a route along a river or lake that’s perfect for canoeing or kayaking. What kind of animals do you think you would see along a water trail?

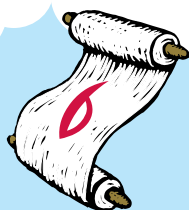
Find out if there are any water trails near you at www.dnr.maryland.gov/outdoors/boating



COLOR THIS PICTURE

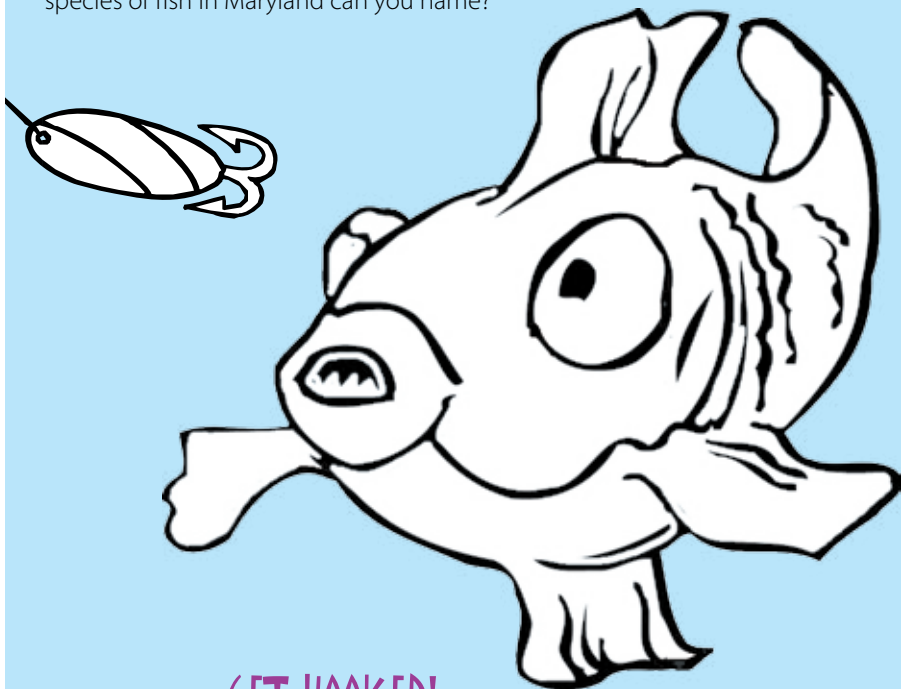


CATCH A FISH

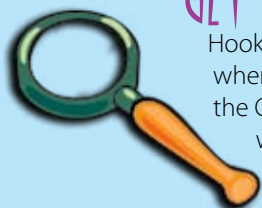


You can find about 350 different types or *species* of fish in the Chesapeake Bay and its tributaries — all the creeks, streams and rivers that feed into it. Some call the Bay home year-round and some just swim in and out at different times of the year.

Maryland's state fish is the striped bass — also called rockfish. How many other species of fish in Maryland can you name?

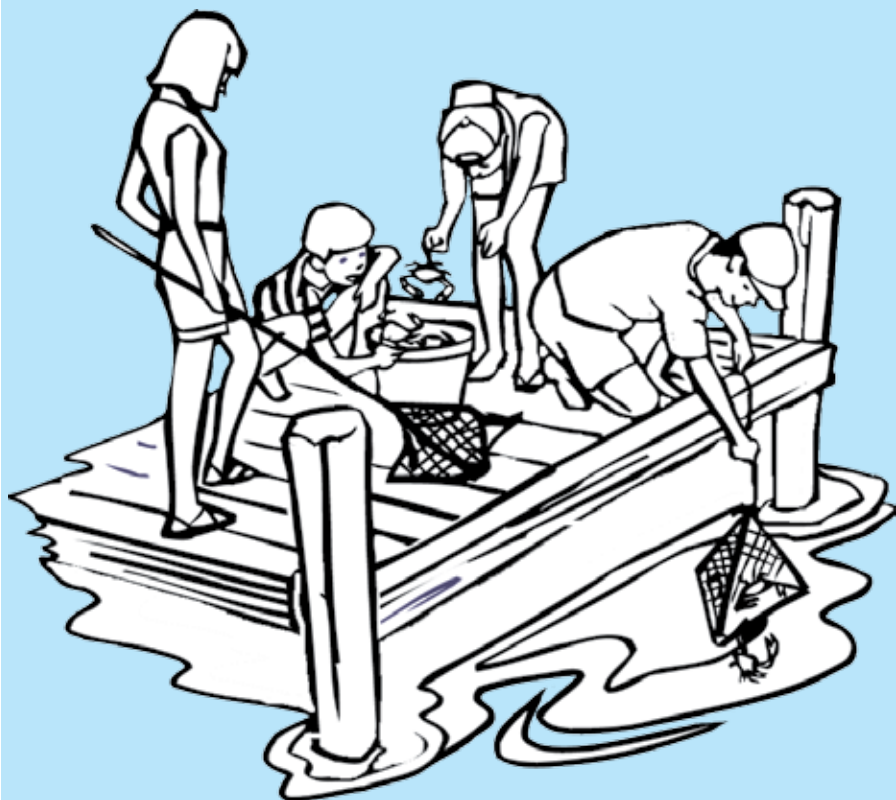


GET HOOKED!



Hooked on Fishing, Not on Drugs is a cool program where kids learn to fish from experts and learn about the Chesapeake Bay and our environment. Check it out at www.dnr.maryland.gov/education/hofnod





CAST AWAY!

Ask an adult to take you fishing! Fishing is a Maryland tradition and a fun way to spend time with friends and family in the outdoors! If you are 16 or older you'll need a fishing license — it's the law!





BAY GAME BINGO

Here's how to play

When you see one of the items below, draw a circle around it.

Complete a row across, up and down, or diagonally, or find everything on your card. Ol' Blue circle is FREE on both cards!



Horse



Bicycle



Produce Stand



Gas Station



Sailboat



Plane



Tractor-Trailer



Recycling Bin



Truck with Camper



Clothes Line



Deer Crossing Sign



American Flag



FREE



Barn



Construction Machine



Motorcycle



Sea Gull



Hay Bale



Fish



Police Car



Bay License Plate



Truck



Plant Nursery



SUV



Gardner

To learn more about these bingo items and how many of them connect to the Bay, visit the Maryland Bay Game website at

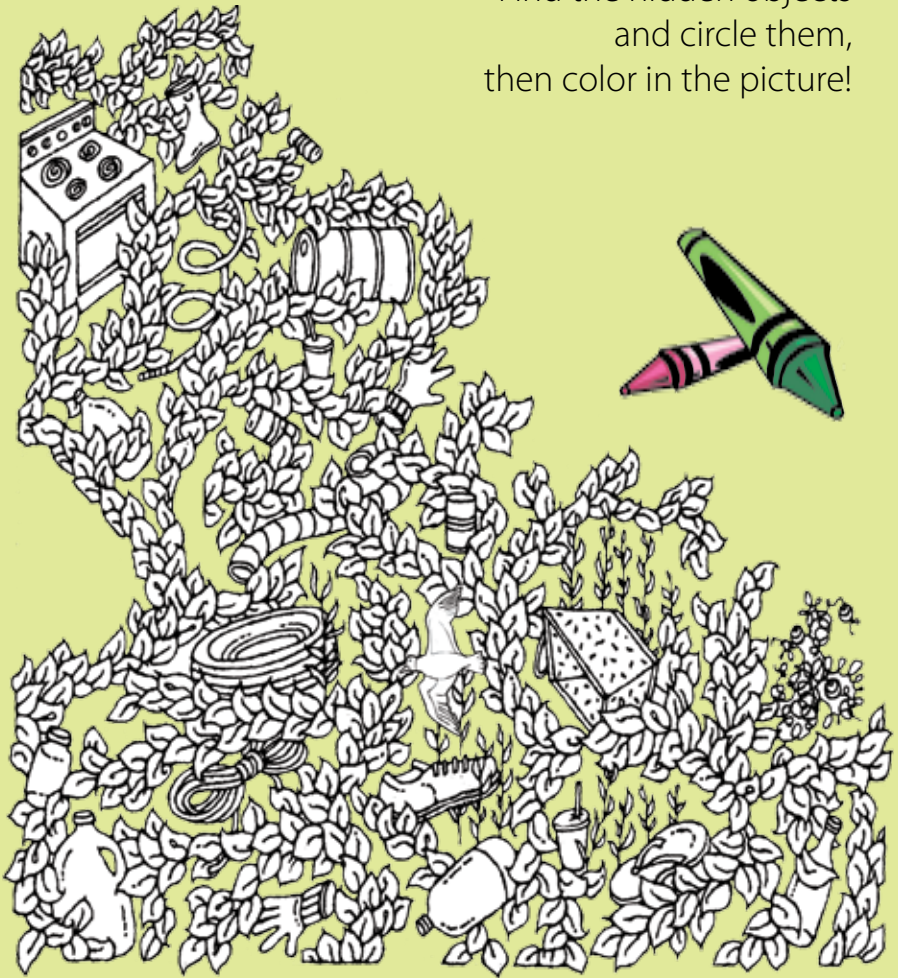
www.dnr.maryland.gov/baygame

FIND THE HIDDEN ITEMS



Presented by
pepeco

Find the hidden objects
and circle them,
then color in the picture!

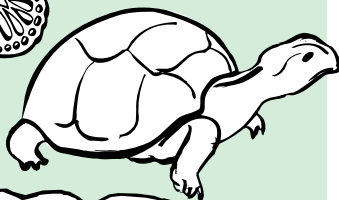
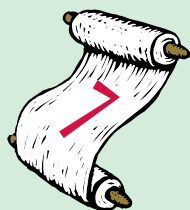


Tire, Stove, Barrel, Boot, Glove, Hose, Can, Milk Bottle, Sneaker, Flip Flop,
Rope, Glass Jar, Cup with Straw, Plastic Bottle, Wire

WATCH WILDLIFE

Maryland is home to nearly 600 species of animals, birds and reptiles. Where they live — on land or water, in a forest or in a stream — is called their habitat. By planting different types of food sources, plants, trees and flowers, you can create habitat that draws specific animals to your own backyard!

Another way people can help wildlife is to take care of our natural world. Recycling trash, saving energy and water, and all the other things we do to help our environment, also help keep habitat healthy for wildlife.



(CREATE!)

You can also make a natural feeder by coating a pine cone in peanut butter and seed.

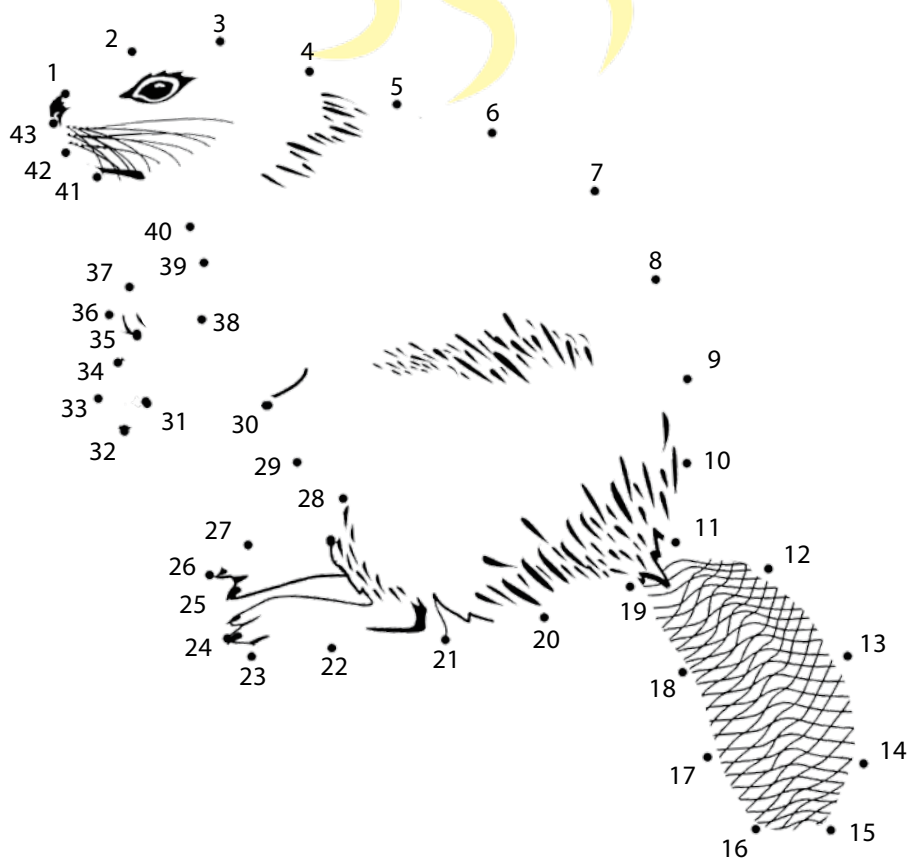


LOOK, DON'T TOUCH!

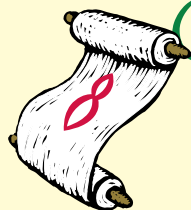
Did you know that all species of wildlife have very specific needs for survival? Many people, with the best of intentions, feed wildlife or “rescue” what they think are sick or injured animals. You may actually be doing more harm than good by handling and caring for wild animals... and it’s against the law to keep wildlife as pets.



CONNECT THE DOTS



EXPLORE WILD PLACES CLOSE TO HOME



A wild place can be closer than you think! Explore the nature in your neighborhood, city and parks. Like every good explorer, you should write about your experience, in your wildlife journal.



BECOME A JUNIOR RANGER!

The Junior Ranger Program is one of several efforts by the Maryland Park Service to provide young people like you with conservation information, environmental education and recreational experiences in Maryland's natural areas. Park Rangers will teach you fun and important lessons about birds, reptiles and amphibians, fish, mammals, wildflowers, trees, wetlands, the Chesapeake Bay and more! For more information visit www.dnr.maryland.gov/publiclands/jrranger



The beach is not your bathroom.



Please keep our beaches healthy.



© 2008 Maryland Department of the Environment.
www.MarylandHealthyBeaches.com

Maryland Beaches Program funded by the U. S. Environmental Protection Agency through the
Beaches Environmental Assessment, Closure and Health Act of 2000.

CELEBRATE YOUR CULTURE & HERITAGE



Native Americans, European settlers and African Americans all have an important place in the history of our State and the culture of the Chesapeake Bay region.

In Dorchester County, a State Park has been named for Harriet Tubman, who led hundreds of slaves to freedom through Maryland's portion of the Underground Railroad. Evidence of early colonial settlers can be found on public lands across the State. And Native Americans gave the Chesapeake — which means great shellfish bay — its name!

PLANT A TREE!

Leave a natural legacy of your own. How do you do that? Plant a tree. You will be able to watch your impact on nature grow. As you grow older and taller, your tree will grow older and taller. You may be able to one day show your kids the tree you planted. On top of that, you'll be helping the environment!



READ!

Go to the library and pick up a book on Maryland's history. Take your book with you when you visit your favorite state park or other natural area. Can you find what you're reading about? If not, ask a ranger. Can you imagine what the park must have looked like in the past?



CROSSWORD PUZZLE

	1		2		3					4		
									5			6
	7											
					8							
				9						10		
								11				
				12								
	13							14				

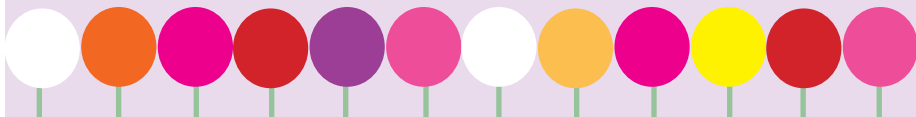
ACROSS

1. _____ AND CONNECT
5. _____ UNDER THE STARS
7. BLUE _____
8. PITCH A _____
9. LOVES PONDS
11. FIND OUT ABOUT
12. _____ AND LINE
13. JUNIOR _____
14. FOLLOW A _____

DOWN

2. _____ PARK
3. BABY _____
4. GO FOR A _____
6. _____ MANTIS
7. _____ ENERGY
9. USING A ROD AND REEL
10. STAR _____

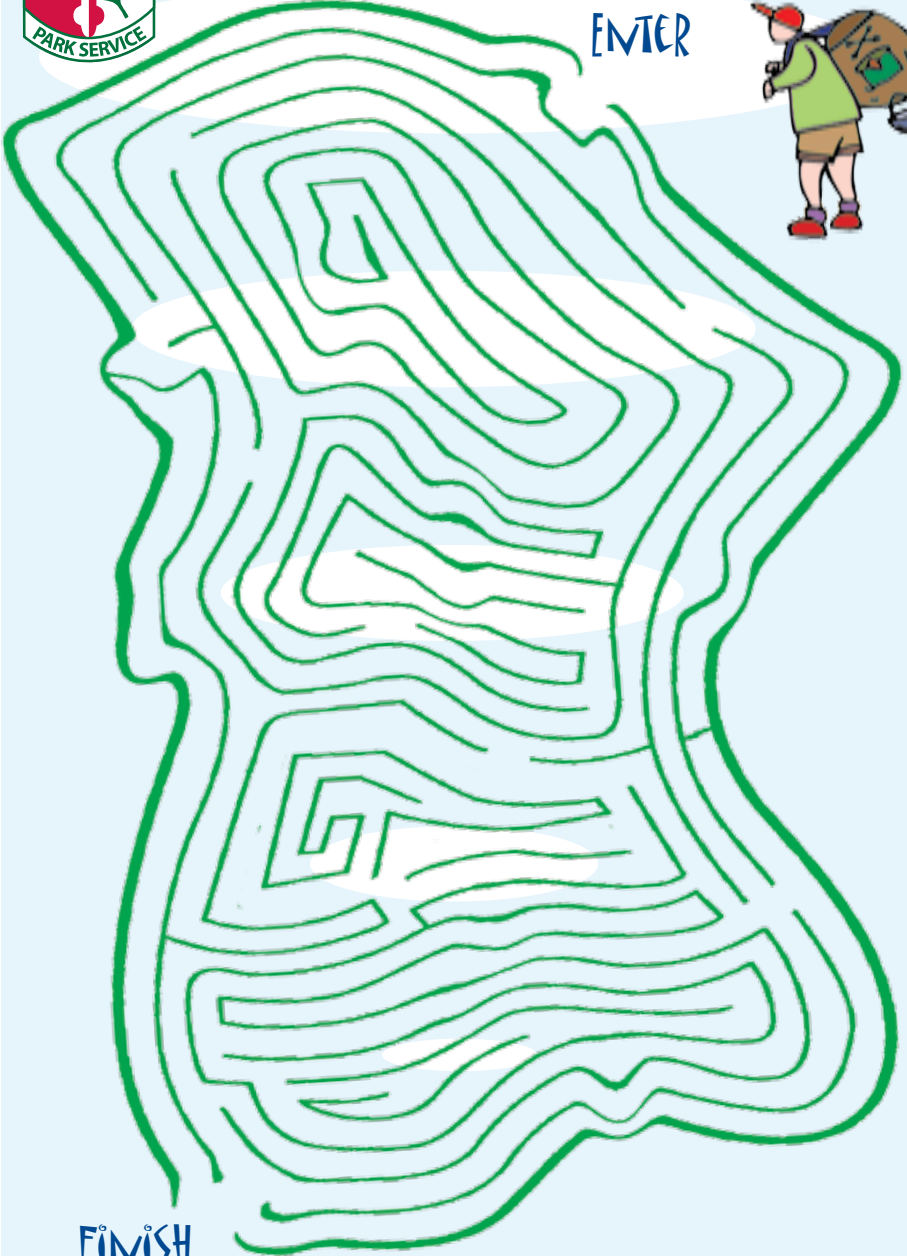
ACROSS: 1. DISCOVER 5. CAMP 7. CRABS 8. TENT 9. FROG 11. LEARN 12. HOOK 13. RANGER 14. TRAIL
DOWN: 2. STATE 3. OYSTER 4. WALK 6. PRAYING 7. CONSERVE 9. FISHING 10. GAZER





TAKE A HIKE MAZE

ENTER



FINISH

Why We Need to

SAVE THE SOIL



Soil is made from eroding rocks, minerals, water, air and decaying plants and animals. Time, climate and location all play a part in how soil is formed. Here in the United States, soil scientists have identified more than 17,000 types of soil based on color, particle size, ability to hold water and other factors. But making soil is slow work. It takes nature hundreds of years to make just one inch of topsoil. Yet topsoil can easily be washed away in just one afternoon during a heavy rainfall.

Farmers work hard to keep topsoil on their crop fields where it belongs and out of waterways where it can fill in stream channels and threaten aquatic life.

Match the causes of soil problems in the first column with the solutions in the second column.

Soil Runoff

Plant trees and windbreaks to slow down the force of the wind.

Soil Contamination

Plant buffers of trees or grasses next to streams to slow down and trap sediment coming off the land.

Wind Erosion

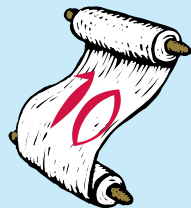
Use natural or less toxic alternatives to control weed and insect pests.



**DEPARTMENT
OF AGRICULTURE**

SHARE NATURE WITH A GREAT MENTOR, TEACHER OR PARENT

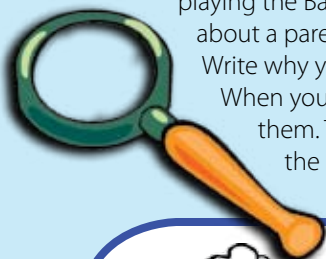
Our teachers, mentors and parents can help make learning about nature fun, interesting and exciting. They are able to connect with us by using items we can investigate with our senses (touch, feel, sight, hearing, taste).



Is it more interesting to learn about a bug from a book or go outside and try and find a bug? Who are some of your favorite teachers and why?

TEACH!

You become the teacher. Think about your favorite thing you learned while playing the Bay Game. Write down why you enjoyed it. Think about a parent or teacher who also might like to know it. Write why you think he or she might enjoy learning about it. When you're done, bring him or her the note and read it to them. Tell him or her how much fun you had playing the Bay Game and you hope they enjoy reading your letter.





Maryland Partnership for Children in Nature

In April 2008, Governor Martin O'Malley established the Maryland Partnership for Children in Nature by Executive Order, to develop and implement a plan to provide youth with structured and unstructured opportunities for play, outdoor recreation, learning, scientific study and an environmental literacy plan. The Partnership presented its report and recommendations to the Governor on April 21, 2009. The report is available online at



www.dnr.maryland.gov/download/CIN_DOC_FINAL_ForWeb.pdf

Connect the Dots & Color

SPIKE & OTIS™



When crossing the Bay Bridge,
*"Stay Alert So
 No One Gets Hurt!"*



Maryland
 Transportation
 Authority

Visit **BAYBRIDGE.COM** or call **1-877-BAYSPAN**
 (1-877-229-7726) for 24/7 traffic conditions.





There's more to see. And more that's free.

There's always plenty to do when you're in Ocean City, Maryland – and a lot of it is free! Like our free beach, free outdoor concerts and movies, and a free boardwalk, as well as exciting nightlife and amazing restaurants.

So if you're looking for more fun, come to where there's more of it.



To plan your next getaway,
visit ocean.com or call
1.800.OC.OCEAN (626.2326).



Smart, Green & Growing

Martin O'Malley, Governor
www.gov.state.md.us

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www.cbtrust.org

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